



US009409744B2

(12) **United States Patent**  
**Jordan et al.**

(10) **Patent No.:** **US 9,409,744 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **APPARATUS FOR LIFTING AND SUPPORTING AN ITEM FOR HOLDING WINDABLE MATERIAL**

(71) Applicants: **Michael C. Jordan**, Knoxville, TN (US); **David S. Jordan**, Knoxville, TN (US)

(72) Inventors: **Michael C. Jordan**, Knoxville, TN (US); **David S. Jordan**, Knoxville, TN (US)

(73) Assignee: **iTool Equipment Holding LLC**, Oak Ridge, TN (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/757,059**

(22) Filed: **Nov. 13, 2015**

(65) **Prior Publication Data**

US 2016/0145069 A1 May 26, 2016

**Related U.S. Application Data**

(62) Division of application No. 13/986,407, filed on Apr. 29, 2013, now Pat. No. 9,187,289.

(60) Provisional application No. 61/642,220, filed on May 3, 2012.

(51) **Int. Cl.**  
**F16M 11/24** (2006.01)  
**B65H 75/02** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **B65H 75/02** (2013.01)

(58) **Field of Classification Search**  
CPC combination set(s) only.  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,304,060	A *	2/1967	Davenport	.....	B21C 47/24 254/131
3,325,120	A *	6/1967	Brinkman	.....	A47F 7/175 242/557
3,833,997	A *	9/1974	Kaddatz	.....	B65H 49/32 254/131
4,095,706	A *	6/1978	Schwieen	.....	A01D 87/127 242/557
4,124,176	A *	11/1978	Carlson	.....	B65H 49/305 242/118.62
4,251,039	A *	2/1981	Howard	.....	E06B 9/11 242/557
4,705,283	A *	11/1987	Kleisath	.....	B65H 49/32 242/557

(Continued)

*Primary Examiner* — Monica Millner

(74) *Attorney, Agent, or Firm* — Michael E. McKee

(57) **ABSTRACT**

Apparatus for lifting and supporting a spool of windable material above a floor includes a pair of supports wherein each support includes a floor-engaging base and an elongated telescoping post assembly joined to the base so as to extend vertically upwardly therefrom. A lift assembly is connected to the post assembly and is releasably securable at alternative locations therealong, and the telescoping post assembly can be altered in length so that by positioning each of the supports adjacent a corresponding end of the barrel of the spool, arranging the lift assemblies of the stands in cooperating relationship with the barrel of the spool so that when lifted by the stands, the weight of the spool rests upon the lift assemblies, and then lengthening the post assembly, the spool is lifted from the floor by way of the lift assemblies.

**29 Claims, 5 Drawing Sheets**

